



STIC Search Report

EIC 3600

STIC Database Tracking Number: 107708

TO: Kambiz Abdi
Location: cpk 5 7D01
Art Unit : 3623
Thursday, August 19, 2004

Case Serial Number: 09 754 897

From: Sylvia Keys
Location: EIC 3600
PK5-Suite 804
Phone: 305-5782

sylvia.keys@uspto.gov

Search Notes

Dear Examiner Abdi,

Please read through the results.

If you have any questions, please do not hesitate to contact me.

Sylvia



129877

34

STIC EIC 3600

Search Request Form

Today's Date: 9-12-04 Priority Date: 5 JUN 2000 For 705 Searches list subclass.

Your Name Kambiz Abd.

Is this a Rush? YES NO
SPE's Signature

AU 3621 Examiner # 79065

Is this a first action amendment? YES NO

Room # PK-5 T-11 Phone 305-3364

Is this a refocus? YES NO

Serial # 09-754 897

Access #

What is the focus of this search? Please include concepts, synonyms etc.

Attach a copy of the abstract, pertinent claims and your East search strategy. Thanks.

to hide Identity
} of shipped goods from the merchant
} over the Internet.
Shipper
proxy, alias, pseudonym, Identity.

call for further discussion

Focus can be made on database systems, and data security
and anonymous recen. third party shipping

Patent 6055520

Appl. 09/1295230

STIC Searcher
Date picked up

Phone
Date completed



1000

BEST AVAILABLE COPY

File 344:Chinese Patents Abs Aug 1985-2004/May
(c) 2004 European Patent Office
File 347:JAPIO Nov 1976-2004/Apr(Updated 040802)
(c) 2004 JPO & JAPIO
File 350:Derwent WPIX 1963-2004/UD,UM &UP=200453
(c) 2004 Thomson Derwent

Set	Items	Description
S1	2670	(ONLINE OR ON()LINE) (5N) (SHOPPING OR PURCHASE?)
S2	4562	ECOMMERCE OR ELECTRONIC()COMMERCE
S3	39	(SHIPPING OR SHIPMENT?) ()ADDRESS?
S4	1	S3(5N) (PARTIAL? OR SELECTIVE? OR PART OR PARTS OR FRACTION? OR SEGMENT? OR INCOMPLETE?) (5N) (ENCRYPT? OR CRYPT?)
S5	17	(ANONYMOUS? OR ANONYMITY OR DISGUISE? OR CONCEAL? OR SECRET? OR CONFIDENTIAL? OR PRIVATE OR DISGUISE?) (5N) (SHIPMENT? OR S- HIPPING?)
S6	1001	(ANONYMOUS? OR ANONYMITY OR DISGUISE? OR CONCEAL? OR SECRET? OR CONFIDENTIAL? OR PRIVATE OR DISGUISE?) (5N) ADDRESS?
S7	11	(ANONYMOUS? OR ANONYMITY OR DISGUISE? OR CONCEAL? OR SECRET? OR CONFIDENTIAL? OR PRIVATE OR DISGUISE?) (3N) (TRANSACTION?()S- YSTEM?)
S8	2	(READ()ONLY) (5N) (TRANSACTION?()SYSTEM? OR SHIPMENT? OR SHI- PPING?)
S9	21	(SHIPPER? OR THIRD() (PARTY OR PARTIES) OR CLEARINGHOUSE? OR CLEARING()HOUSE? OR CENTRALIZE? OR CENTRALIS? OR OUTSOURC? OR INTERMEDIAR?) (5N) DECRYPT?
S10	441	CREATE?(3N) (ID OR IDENTIFICATION?)
S11	0	(PRIVATE()MAIL?() (CODE OR CODES OR CODING?))
S12	0	(S1 OR S2) AND S4
S13	1027	S5 OR S6 OR S7
S14	841	(PARTIAL? OR SELECTIVE? OR PART OR PARTS OR FRACTION? OR S- EGMENT? OR INCOMPLETE?) (5N) (ENCRYPT? OR CRYPT?)
S15	3	S13 AND S14
S16	2	S15 NOT S4
S17	464	S8 OR S9 OR S10 OR S11
S18	1	S17 AND S14
S19	0	S18 NOT (S4 OR S16)
S20	6	(S1 OR S2) AND S14
S21	6	S20 NOT (S4 OR S16)
S22	5	S21 AND IC=G06F
	?	

31294957 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Biometrics ID: effective tool vs. terror
SECTION TITLE: Business Monday
Renato C. Valencia
PHILIPPINE DAILY INQUIRER, p2
September 22, 2003
JOURNAL CODE: WDPI LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 605

(USE FORMAT 7 OR 9 FOR FULLTEXT)

Clearly, terrorists depend on fake passports and IDs for their clandestine operations, i. e., to **hide identities**, plans and operations, evade capture, avoid linkages, isolate operation, etc.

Biometrics for ID Systems
One...

11/3,K/15 (Item 2 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2004 The Dialog Corp. All rts. reserv.

20622790 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Nokia launches new Nokia 6340 TDMA, GSM handset
AFX EUROPE (FOCUS)
January 07, 2002
JOURNAL CODE: WAXE LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 103

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... also has a "wallet" allowing users to store credit and debit card information in standard **Electronic Commerce** Markup Language format, along with **shipping addresses** and personal notes, in an **encrypted** area of the phone memory, the company said.

This facility makes mobile commerce transactions fast...

11/3,K/16 (Item 3 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2004 The Dialog Corp. All rts. reserv.

19672654 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Traveling the Information Highway: Schnader Puts Businesses In the Driver's Seat
PR NEWSWIRE
November 05, 2001
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 226

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... companies engaged in e-commerce.
The seminar will tackle issues like how to create and **protect** brand **identities** on the Internet, make sure e-contracts are enforceable, comply with U.S. and foreign privacy laws and protect websites against...

11/3,K/17 (Item 4 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter

16/5/1 (Item 1 from file: 347)
DIALOG(R) File 347:JAPIO
(c) 2004 JPO & JAPIO. All rts. reserv.

06156632 **Image available**
ELECTRONIC MAIL SYSTEM

PUB. NO.: 11-098175 [JP 11098175 A]
PUBLISHED: April 09, 1999 (19990409)
INVENTOR(s): MUKAI MASAKI
SAKURAI YUKA
EMURA SATOSHI
APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD
APPL. NO.: 09-256324 [JP 97256324]
FILED: September 22, 1997 (19970922)
INTL CLASS: H04L-012/54; H04L-012/58; G06F-013/00; G09C-001/00

ABSTRACT

PROBLEM TO BE SOLVED: To provide the electronic mail system that protects privacy of an address such as a telephone number and creates an excellent electronic mail communication environment.

SOLUTION: The system is provided with an **address** data conversion section 105 that **conceals** or **encrypts** **part** or all of an address set by the address data setting section 104, and adds an address converted in the case of sending an electronic mail to a text mail as address information. Thus, in the case that pluralities of names of mail recipients are in existence, the privacy of an address such as a telephone number is protected against among recipients.

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16/5/2 (Item 1 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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016324221 **Image available**
WPI Acc No: 2004-482118/200446
XRPX Acc No: N04-380229

Memory address encryption for protecting secret personal data, e.g. in a smart card with a card controller, whereby first address parameters are encrypted using second address parameters and a scramble function

Patent Assignee: PHILIPS INTELLECTUAL PROPERTY GMBH (PHIG); KONINK PHILIPS ELECTRONICS NV (PHIG)
Inventor: FEUSER M; SOMMER S
Number of Countries: 107 Number of Patents: 002
Patent Family:
Patent No Kind Date Applcat No Kind Date Week
DE 10256587 A1 20040617 DE 10256587 A 20021204 200446 B
WO 200451482 A2 20040617 WO 2003IB5271 A 20031119 200446

Priority Applications (No Type Date): DE 10256587 A 20021204

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 10256587	A1	5		G06F-012/14	
WO 200451482	A2	E		G06F-012/14	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ
CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID
IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ
NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA

UG US UZ VC VN YU ZA ZM ZW

Designated States (Regional): AT BE BG BW CH CY CZ DE DK EA EE ES FI FR
GB GH GM GR HU IE IT KE LS LU MC MW.MZ NL OA PT RO SD SE SI SK SL SZ TR
TZ UG ZM ZW

Abstract (Basic): DE 10256587 A1

NOVELTY - Data processing arrangement, especially an electronic memory component, has a number of access protected memory areas each with an assigned parameter, especially an address parameter (an-a0), with the parameter of at least a **partial** memory area only being **encryptable** dependent on a further memory area (a'n-a'0), e.g. using a scramble function.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is made for a method for encrypting a memory address parameter.

USE - Memory **address** encryption for protecting **secret** personal data, especially in a smart card with a card controller, in a reader unit, or in a cryptographic chip set used in a audio or video encoding.

ADVANTAGE - Data security is greatly increased.

DESCRIPTION OF DRAWING(S) - The figure shows a schematic block diagram of an implementation example of an inventive data processing arrangement.

address parameters (an-a0)
further address parameters. (a'n-a'0)
pp; 5 DwgNo 1/1

Title Terms: MEMORY; ADDRESS; ENCRYPTION; PROTECT; SECRET; PERSON; DATA;
SMART; CARD; CARD; CONTROL; FIRST; ADDRESS; PARAMETER; ENCRYPTION; SECOND
; ADDRESS; PARAMETER; SCRAMBLE; FUNCTION

Derwent Class: T01; T04

International Patent Class (Main): G06F-012/14

File Segment: EPI

?

22/5/1 (Item 1 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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015488278 **Image available**

WPI Acc No: 2003-550425/200352

XRPX Acc No: N03-437736

Privilege data encryption distribution apparatus for electronic commerce system, transmits encryption data produced by enciphering encryption privilege key data using one of segments of secret key, to customer terminal

Patent Assignee: HITACHI SOFTWARE ENG CO LTD (HISF)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2003187138	A	20030704	JP 2001387400	A	20011220	200352 B

Priority Applications (No Type Date): JP 2001387400 A 20011220

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2003187138	A	11		G06F-017/60	

Abstract (Basic): JP 2003187138 A

NOVELTY - A server apparatus (1) divides a secret key into k **segments**. An **encryption** privilege key data is produced by enciphering the privilege data (18) provided to customer satisfying predetermined goods purchase condition, with consumer public key. The encryption data (16) is produced, by enciphering the encryption privilege key data using one of the segments of the secret key, which is transmitted to customer terminal (2).

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (1) data reception device;
- (2) encryption data distribution system; and
- (3) encryption data distribution method

USE - For providing encryption data to customer for goods dealing by **electronic commerce** system.

ADVANTAGE - Prevents usage of privilege key data by unspecified person, by providing privilege data to the consumer satisfying the predetermined goods purchase conditions.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the **electronic commerce** system. (Drawing includes non- English language text).

- server apparatus (1)
- client (2)
- encryption data (16)
- privilege key data (18)

pp; 11 DwgNo 1/4

Title Terms: DATA; ENCRYPTION; DISTRIBUTE; APPARATUS; ELECTRONIC; SYSTEM; TRANSMIT; ENCRYPTION; DATA; PRODUCE; ENCIPHER; ENCRYPTION; KEY; DATA; ONE ; SEGMENT; SECRET; KEY; CUSTOMER; TERMINAL

Derwent Class: T01; W01

International Patent Class (Main): G06F-017/60

International Patent Class (Additional): H04L-009/08; H04L-009/14

File Segment: EPI

22/5/2 (Item 2 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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015476076 **Image available**

WPI Acc No: 2003-538222/200351

Method for encoding and decoding electronic document

Patent Assignee: ELECTRONICS & TELECOM RES INST (ELTE-N)

Inventor: CHO H S; KIM J H; LEE J Y; NA J C

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2003027181	A	20030407	KR 200156831	A	20010914	200351 B

Priority Applications (No Type Date): KR 200156831 A 20010914

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
KR 2003027181	A	1	G06F-017/00	

Abstract (Basic): KR 2003027181 A

NOVELTY - A method for encoding and decoding an electronic document is provided to assure the safety of an **electronic commerce** by supplying secrecy for an XML(Extensible Markup Language) electronic document and a conventional general electronic document through an XML encoding and decoding procedure about various electronic documents.

DETAILED DESCRIPTION - An electronic document to be coded is selected(301). If the electronic document is for **partial encryption** (302), the selected electronic document is encoded(304) and compressed(305). If a multiple access is supported for the electronic document(306), a user or a group to be decoded is selected(307) and a specific key is created(308). The created specific key is coded as a public key(312), the coded specific key is encoded(313), and an access unit is created(314). An XML encryption template is finally created by information selectively inputted according to a result of a multiple access to the coded and encoded electronic document(317).

pp; 1 DwgNo 1/10

Title Terms: METHOD; ENCODE; DECODE; ELECTRONIC; DOCUMENT

Derwent Class: T01

International Patent Class (Main): G06F-017/00

File Segment: EPI

22/5/3 (Item 3 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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015387220 **Image available**

WPI Acc No: 2003-448165/200342

XRPX Acc No: N03-357475

Secure mobile transaction method in electronic commerce , involves authenticating certified program segment using cryptographic program segment and public key whose instruction codes are stored in ROM

Patent Assignee: BINA F F (BINA-I); MIHM T J (MIHM-I); MOSELEY P (MOSE-I); NGUYEN K Q (NGUY-I); MOTOROLA INC (MOTI)

Inventor: BINA F F; MIHM T J; MOSELEY P; NGUYEN K Q

Number of Countries: 101 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030059049	A1	20030327	US 2001961718	A	20010924	200342 B
WO 200327800	A2	20030403	WO 2002US29772	A	20020919	200342

Priority Applications (No Type Date): US 2001961718 A 20010924

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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US 20030059049 A1 10 H04L-009/00
WO 200327800 A2 E G06F-000/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW

Designated States (Regional): AT BE BG CH CY CZ DE DK EA EE ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SK SL SZ TR TZ UG ZM ZW

Abstract (Basic): US 20030059049 A1

NOVELTY - A certified program **segment** (119) is authenticated with a **cryptographic** program **segment** and a public key (108), when the wireless communication device (116) is powered. The instruction codes of the **cryptographic** program **segment** and the public key are stored in the ROM (114) of the wireless communication device.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for the wireless communication device.

USE - For secure mobile transaction in **electronic commerce**, mobile **electronic commerce**, electronic banking through wireless communication device (claimed).

ADVANTAGE - Improves the assurance of secure wireless transaction, as execution of the authentication certified program segment ensures authentication of other program segments in the wireless communication device.

DESCRIPTION OF DRAWING(S) - The figure shows an explanatory view of the secure mobile transaction process.

public key (108)
ROM (114)
wireless communication device (116)
certified program segment (119)
pp; 10 DwgNo 1/4

Title Terms: SECURE; MOBILE; TRANSACTION; METHOD; ELECTRONIC; AUTHENTICITY; CERTIFY; PROGRAM; SEGMENT; CRYPTOGRAPHIC; PROGRAM; SEGMENT; PUBLIC; KEY; INSTRUCTION; CODE; STORAGE; ROM

Derwent Class: T01; U14; W01; W02

International Patent Class (Main): G06F-000/00 ; H04L-009/00

File Segment: EPI

22/5/4 (Item 4 from file: 350)

DIALOG(R) File 350:Derwent WPIX
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014119604 **Image available**

WPI Acc No: 2001-603816/200169

Related WPI Acc No: 2000-224113; 2001-523052; 2002-338007; 2002-469860; 2003-016027

XRPX Acc No: N01-450634

Delivering encrypted digital content to system for secure delivery and rights management of print media, films, games, and music by receiving decrypting key for decrypting at least part of previously encrypted content

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC); DOWNS E (DOWN-I); GRUSE G G (GRUS-I); HURTADO M M (HURT-I); LEHMAN C T (LEHM-I); LOTSPIECH J B (LOTS-I); MILSTED K L (MILS-I); SPAGNA R L (SPAG-I)

Inventor: DOWNS E; GRUSE G G; HURTADO M M; LEHMAN C T; LOTSPIECH J B; MILSTED K L; SPAGNA R L

Number of Countries: 027 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1077398	A1	20010221	EP 2000305655	A	20000705	200169 B
KR 2001050111	A	20010615	KR 200047609	A	20000817	200171
US 20030105718	A1	20030605	US 98133519	A	19980813	200339
			US 98177096	A	19981022	
			US 99376102	A	19990817	
KR 374524	B	20030303	KR 200047609	A	20000817	200349
US 6611812	B2	20030826	US 98133519	A	19980813	200357
			US 98177096	A	19981022	
			US 99376102	A	19990817	

Priority Applications (No Type Date): US 99376102 A 19990817; US 98133519 A 19980813; US 98177096 A 19981022

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
EP 1077398	A1	E 108	G06F-001/00	Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI
KR 2001050111	A		G06F-015/00	
US 20030105718	A1		G06F-017/60	CIP of application US 98133519 CIP of application US 98177096 CIP of patent US 6226618 CIP of patent US 6389538
KR 374524	B		G06F-015/00	Previous Publ. patent KR 2001050111
US 6611812	B2		G06F-017/60	CIP of application US 98133519 CIP of application US 98177096 CIP of patent US 6226618 CIP of patent US 6389538

Abstract (Basic): EP 1077398 A1

NOVELTY - A computer readable medium meta-data, which has previously associated with the content is read. From the meta-data associated content is selected to decrypt establishing a secure transmission with an authorization authority for decrypting the content. A decrypting key is received for decrypting at least **part** of the previously **encrypted** content stored on the computer readable medium as permitted.

DETAILED DESCRIPTION - .

An INDEPENDENT CLAIM is included for:

(a) a computer readable medium for delivering encrypted digital content to a system

USE - In an **electronic commerce** for the secure delivery and rights management of digital assets, such as print media, films, games, and music over computer readable medium such as CDS and DVDs and over global communications networks such as the Internet and the World Wide Web.

ADVANTAGE - Whenever the content data is played by the content player or copied from the content player to an external medium the usage of the licensed content data can be tracked.

DESCRIPTION OF DRAWING(S) - The drawing shows an overview of an encryption process for a secure container.

pp; 108 DwgNo 3/19

Title Terms: DELIVER; ENCRYPTION; DIGITAL; CONTENT; SYSTEM; SECURE; DELIVER ; MANAGEMENT; PRINT; MEDIUM; FILM; GAME; MUSIC; RECEIVE; KEY; PART; ENCRYPTION; CONTENT

Derwent Class: T01; T03; W01; W04

International Patent Class (Main): G06F-001/00 ; G06F-015/00 ; G06F-017/60

International Patent Class (Additional): H04L-029/06

File Segment: EPI

22/5/5 (Item 5 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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014103846 **Image available**
WPI Acc No: 2001-588060/200166

Method for distributing computer program via on-line
Patent Assignee: KOREA ELECTRONICS & TELECOM RES INST (KOEL-N)
Inventor: HA Y G; HAM H S; LIM S Y; PARK S B; HAH Y G; HAHM H S
Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2001038207	A	20010515	KR 9946091	A	19991022	200166 B
KR 367094	B	20030106	KR 9946091	A	19991022	200337

Priority Applications (No Type Date): KR 9946091 A 19991022

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
KR 2001038207	A		1	G06F-017/60	
KR 367094	B			G06F-017/60	Previous Publ. patent KR 2001038207

Abstract (Basic): KR 2001038207 A

NOVELTY - The method for distributing the computer program via the on-line is provided to prevent the computer program from duplicating after the on-line distribution, to promote the sale of the computer program via the e-commerce, and to raise the price competition of the computer program good.

DETAILED DESCRIPTION - The method comprises the following steps. The purchaser obtains the PK(Public Key) Authentication of the on-line distribution system from the directory service system of the PKI(Public Key Infrastructure)(S10). The purchaser sends the purchasing information and the purchaser's information(a user's authentication) to the on - line distribution system, and requests the purchase of the desired computer program(S11). The on - line distribution system checks the purchaser 's authentication and the purchasing information(S12), and sends the purchase-confirmed message to the purchaser(S13). The purchaser checks the message, pays the bill(S14), and sends the payment information to the on-line distribution system(S15). The on-line distribution system creates the UDP(User Dependant Part), encrypted by the PK of the purchaser, to the computer program(S16). The software package and the receipt are sent to the purchaser(S17). The purchaser installs the computer program to the own computer(S18).

pp; 1 DwgNo 1/10

Title Terms: METHOD; DISTRIBUTE; COMPUTER; PROGRAM; LINE

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

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